

Who is the Correct Author of *Cimicifuga simplex* (Ranunculaceae)?

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The name *Cimicifuga simplex* was first validated by Turczaninow in 1842.

The author of the combination *Cimicifuga simplex* is usually known as Wormskjold (Nakai 1916, Schipczinsky 1937, Ohwi 1953) or Fischer (Franchet et Savatier 1873), nevertheless, neither Wormskjold nor Fischer published such a combination. *Cimicifuga simplex* is based on *Actaea Cimicifuga* L. *β. simplex* DC. The original publication of *β. simplex* DC. on page 64 in *Prodromus Systematis Naturalis*, pars 1 (1824), is as follows:

A[ctaea] Cimicifuga (Lin! amoen. 2. p. 354.* spec. ed. 2. p. 722).

β. ? simplex in Kamschatka frequens. *Cimicifuga simplex* (Wormsk. ined. ex Fisch. in litt.) caulis simplex indivisus, racemi solitarii aut raro bini recti altero, dum adsit minuto laterali rarissime terno. An spec. propria?

From this description the name, *Cimicifuga simplex*, was treated as a synonym of *Actaea Cimicifuga* L. *β. simplex* DC., because the epithet *simplex* is derived from the unpublished name by Wormskjold. Hence, according to the Art. 34.1 (c) of the International Code of Botanical Nomenclature, the name, *C. simplex*, is not validly published by De Candolle. It is impossible, moreover, to recognize this name as an alternative for *Actaea Cimicifuga β. simplex*.

The first author who made valid combination of

Cimicifuga simplex is Turczaninow in 1842, though he used the author name Wormskjold as “*C. simplex* Wormsk.” This combination is to be accepted and, according to Art. 46.4, to be cited as *C. simplex* (DC.) Turczaninow, which is explicitly based on basionym. The correct author name and the synonyms for *C. simplex* are as follows:

***Cimicifuga simplex* (DC.) Turczaninow** in Bull. Soc. Imp. Nat. Mosc. **15**(1): 87 (1842); Fl. Baic.-Dahur. **1**: 87 (1842), nom. tant.; Czerepanov, Pl. Vasc. URSS 418 (1981); Charkevicz et Czerepanov, Opred. Sosud. Rast. Kamtsch. Obl. 84 (1981); Ko. Ito et al., Check List Hokkaido **3**: 134 (1994).

Actaea Cimicifuga L. *β. simplex* DC., Prodr. **1**: 64 (1824).

Cimicifuga simplex Wormskjold ex DC., Prodr. **1**: 64 (1824), pro syn.; Hultén, Fl. Kamtsch. **2**: 102 (1928).

Cimicifuga foetida L. var. *β. simplex* (Wormsk. ex Fisch.) G. Don, Gen. Hist. Dichlam. Pl. **1**: 64 (1831).

Actaea simplex Wormsk. ex Fischer et C. A. Meyer, Ind. Sem. Hort. Petrop. **1**: 21 (1835).

Cimicifuga foetida L. var. *simplex* (Wormsk.) Regel, Tent. Fl. Ussur. **13** (1861); Bull. Soc. Nat. Mosc. **34**(2, 3): 122 (1862); Miquel, Ann. Mus. Bot. Lugd.-Bat. **3**: 8 (1865).

C. foetida var. *simplex* (Wormsk.) Huth in Engler's

Bot. Jahrb. **16**: 316 (1892); Makino in Bot. Mag. Tokyo **11**: 248 (1897).

C. simplex Wormskj. Max. in Prim. Fl. Amur. 29 (1859); Fr. Schm. in Mém. Acad. Imp. Sci. St.-Petersb. 7 sér., **12**(2): 32, 109 (1868); Miyabe et Miyake, Fl. Saghal. 23 (1915); Komarov, Fl. Penin. Kamtsch. **2**: 119 (1929); Komarov et Klob.-Alisova, Key Pl. Far East. Reg. USSR **1**: 530 (1931); Schipczinsky, Fl. URSS **7**: 84 (1937); Ohwi, Fl. Jap. 536 (1953); Ohwi, Fl. Jap. ed. Engl. 457 (1965); Tamura in Satake et al., Wild Fl. Jap., Herb. Pl. **2**: 60, pl. 56-1,2,3 (1982); Woroschilov, Opred. Rast. Sovet. Daljn. Vost. 262 (1982); Ohwi et Kitagawa, New Fl. Jap. 717 (1983).

C. simplex Wormsk. ex Fisch. var. *ramosa* Maximowicz ex Franch. et Savat., Enum. Pl. Jap.

中井秀樹, 大橋広好: サラシナシヨウマの学名 *Cimicifuga simplex* の著者名

サラシナシヨウマの学名としては *Cimicifuga simplex* Wormskj. がふつう用いられている。この学名は、初出の A. P. de Candolle, Prodr. Vol. 1, p. 64 (1824) において *Actaea Cimicifuga* L. *β. simplex* DC. の異名として引用されたもの

1(1): 13 (1873), ('*Cimifuga*').

C. foetida var. *β. intermedia* auct., non Regel: Huth, Bull. Herb. Boiss. **5**: 1094 (1897).

C. simplex Wormsk. var. *intermedia* Nakai in Bot. Mag. Tokyo **30**: 146 (1916), excl. basionymo.

C. simplex Wormsk. var. *yesoensis* Nakai in Bot. Mag. Tokyo **30**: 146 (1916).

C. yesoensis (Nakai) Kudo in J. Coll. Agr. Hokkaido Imp. Univ. **12**(1): 36 (1923); Rep. Veg. N. Saghal. 129 (1924), sphalm. *yezoensis*; Hara in Bot. Mag. Tokyo **49**: 10 (1935).

Nom. Jap.: Sarashina-shōma, Ezo-shōma, Okuyama-shōma.

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で、正式には発表されていない。この組み合わせは Turczaninow によって正式に発表された。本論文では、サラシナシヨウマの正名と異名とを整理した。